

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/036600

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N33/569 C12Q1/04 C12Q1/37

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, PAJ, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>WO 03/063693 A (EXPRESSIVE CONSTRUCTS, INC; SANDERS, MITCHELL, C; LOWE, ADRIAN, M; HAM) 7 August 2003 (2003-08-07) cited in the application abstract</p> <p>claims 1-67</p> <p>page 2, line 19 - page 4, line 20</p> <p>page 8, line 27 - page 10, line 3</p> <p>page 11, line 7 - line 15</p> <p>page 15, line 5 - line 18</p> <p>example 13</p> <p style="text-align: center;">-----</p> <p style="text-align: center;">-/--</p>	1-21

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

5 April 2005

Date of mailing of the international search report

02/05/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	NELSON DANIEL ET AL: "Inactivation of alpha-proteinase inhibitor as a broad screen for detecting proteolytic activities in unknown samples" ANALYTICAL BIOCHEMISTRY, vol. 260, no. 2, 1 July 1998 (1998-07-01), pages 230-236, XP002154473 ISSN: 0003-2697 the whole document	1-21
X	SUTER S ET AL: "PROTEOLYTIC INACTIVATION OF ALPHA-1 PROTEINASE INHIBITOR IN INFECTED BRONCHIAL SECRETIONS FROM PATIENTS WITH CYSTIC FIBROSIS" EUROPEAN RESPIRATORY JOURNAL, vol. 4, no. 1, 1991, pages 40-49, XP008045272 ISSN: 0903-1936 abstract	22
X	PETERSON FRANCIS C ET AL: "Insight into the mechanism of serpin-proteinase inhibition from 2D (1H-15N) NMR studies of the 69 kDa alpha-proteinase inhibitor Pittsburgh-trypsin covalent complex" BIOCHEMISTRY, vol. 40, no. 21, 29 May 2001 (2001-05-29), pages 6284-6292, XP002323305 ISSN: 0006-2960 abstract	22
A	WO 00/63394 A (THE UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC; TRAVIS, JAMES; POT) 26 October 2000 (2000-10-26) abstract	22

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Information on patent family members

International Application No

PCT/US2004/036600

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03063693	A	07-08-2003	CA 2474458 A1 WO 03063693 A2	07-08-2003 07-08-2003
WO 0063394	A	26-10-2000	AU 4648700 A WO 0063394 A2 US 6833262 B1	02-11-2000 26-10-2000 21-12-2004

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